



## State Revolving Fund Loan Programs Drinking Water, Wastewater, Nonpoint Source

### PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**TOWN OF CHESTERFIELD  
Wastewater Treatment Plant  
and  
Main Lift Station/Force Main Project  
Preliminary Engineering Report Amendment #1  
SRF # WW10 06 48 02**

**Date: May 24, 2011**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in Chesterfield's Preliminary Engineering Report Amendment #1 received by the SRF on April 21, 2011 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

*How were environmental issues considered?*

The National Environmental Policy Act requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

*Why is additional environmental review not required?*

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

*How do I submit comments?*

Comments can be submitted to:

Mr. Max Henschen, Senior Environmental Manager  
SRF Programs  
317-232-8623; mhensche at ifa.in.gov

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## CATEGORICAL EXCLUSION

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### I. PROJECT IDENTIFICATION

Project Name and Address:                   **Wastewater Treatment Plant and  
Main Lift Station/Force Main Project  
Preliminary Engineering Report Amendment #1**  
Town of Chesterfield  
17 Veterans Blvd. P.O. Box 95  
Chesterfield, IN 46017

SRF Project Number:                         WW10 06 48 02

Authorized Representative:                 Mr. Ron Branham, President  
Town Council of Chesterfield

### II. PROJECT LOCATION

Chesterfield is located in Madison County along State Road 32. The project areas consist of the proposed wastewater treatment plant (WWTP) site and the proposed main lift station and its force main to the WWTP. The WWTP project area is in the Middletown USGS topographic quadrangle in Union Township, T19N, R8E, Section 9 and the main lift station/force main project area is in the same quadrangle T19N, R8E and sections 9 and 10 (see Figure 1).

### III. PROJECT NEED AND PURPOSE

The State Revolving Fund (SRF) Loan Program approved the original Preliminary Engineering Report (PER) describing the proposed WWTP and main lift station/force main project on July 12, 2010. The National Environmental Policy Act-compliant environmental review was completed as part of the U.S. HUD/Indiana Office of Community and Rural Affairs Community Development Block Grant process. Environmental correspondence and comments from environmental review authorities were supplied to the SRF Loan Program and found to be adequate.

Due to higher than expected bids on the project, Chesterfield revised the approved project. Major revisions included changing the sludge drying process at the WWTP and shortening the force main route.

The "No Action" alternative was rejected since the town would not be able to complete the proposed project within budget, if the changes were not made to reduce the project cost.

The changes to the proposed WWTP include: installing a sludge bagging system and polymer prefabrication building in lieu of the belt filter press for the sludge dewatering process; installing a

single large walk-in enclosure for the four positive displacement blowers in lieu of individual blower enclosures; arranging the bulbs for the ultraviolet disinfection structure in a vertical pattern with a minor channel modification, rather than a horizontal pattern; installing a stone access road for the entrance at County Road 300 E in lieu of asphalt; eliminating farm fencing along the entrance road; installing a catch basin and grate at the north end of the parking lot in lieu of a trench drain in the parking lot east of the administration/laboratory building; and using stone for all drives and parking areas in lieu of asphalt.

The force main route was reduced by 1,460 feet.

#### **IV. ESTIMATED PROJECT COST AND FUNDING**

Estimated total project cost is \$8,378,400.

The town will borrow \$3,759,000 from the SRF for a 20-year term at an annual interest rate to be determined at loan closing. The \$135,000 cost for land is ineligible for SRF funding. The remaining \$4,619,400 will be funded by: \$35,000 cash on hand; a \$3,800,000 SRF Principal Forgiveness Loan; \$684,400 from Outstanding 2007 Sewage Works Bonds; and \$100,000 from the Madison County Food and Beverage Fund. Monthly user rates and charges will need to be analyzed to determine if adjustments are required for loan repayment.

#### **V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES**

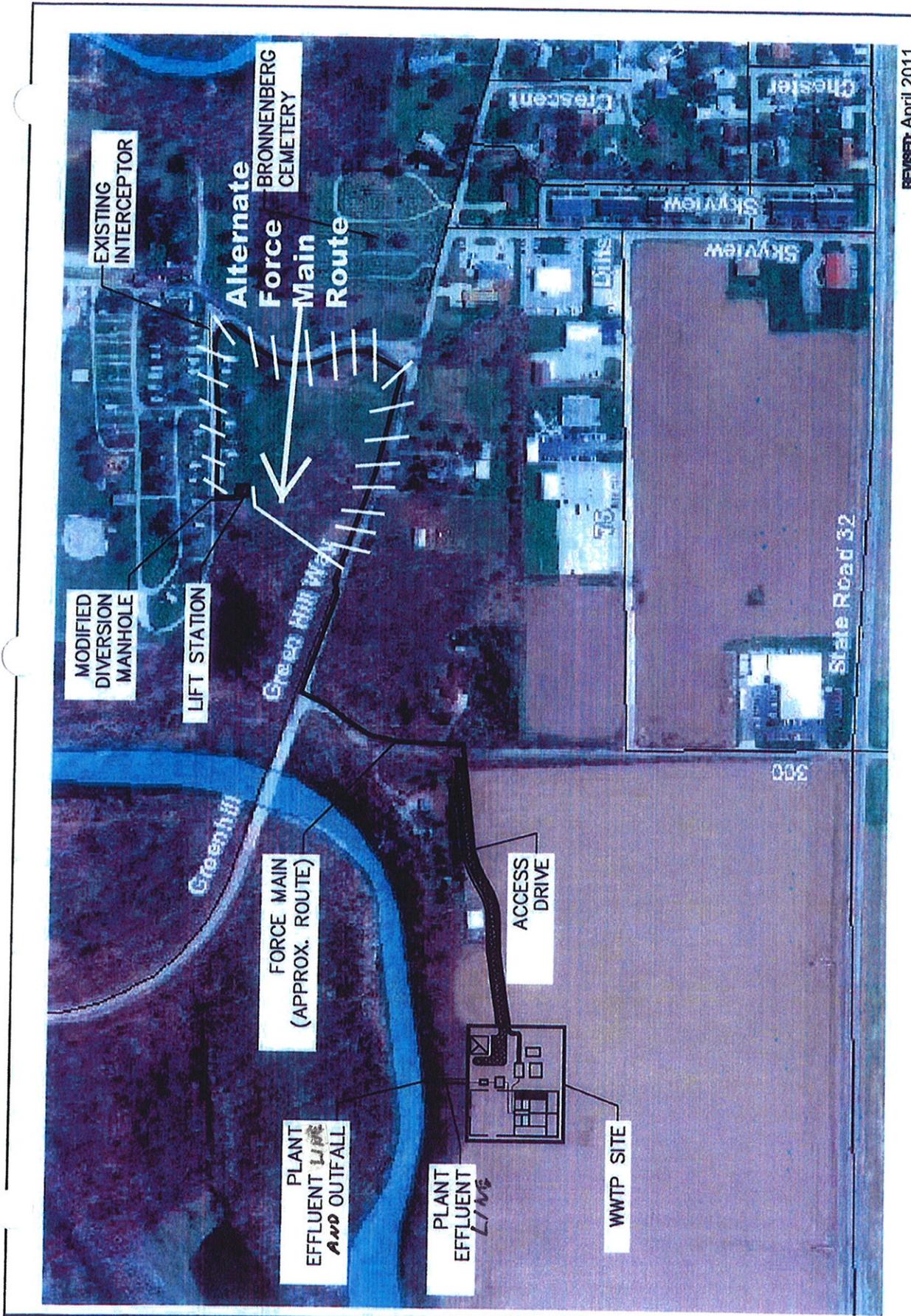
The locations of the proposed WWTP and lift station will not change from the locations previously vetted environmentally. The revised force main will now exit the proposed main lift station to the south for approximately 200 feet before reaching Green Hill Way, where it will follow the previously vetted route to the proposed WWTP. The force main and electrical conduit from the proposed main lift station to Green Hill Way will pass under a partially wooded tract. This 200 foot section of the force main will be directionally drilled to minimize environmental impacts.

Construction and operation of the project will not alter, demolish or remove historic properties. If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected." See Figure 2.

The project will not affect endangered species, groundwater, open space and recreational opportunities, National Natural Landmarks and will not convert prime farmland.

#### **VI. PUBLIC PARTICIPATION**

A notice was placed in the local newspaper on May 12, 2011 describing the changes to the wastewater project to keep the project within budget following receipt of bids.

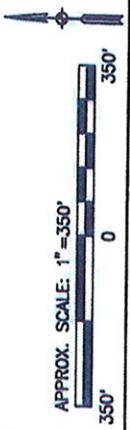


REVISED: April 2011

TOWN OF CHESTERFIELD  
 MADISON COUNTY, INDIANA  
 NEW WASTEWATER TREATMENT PLANT  
 PRELIMINARY SITE LAYOUT



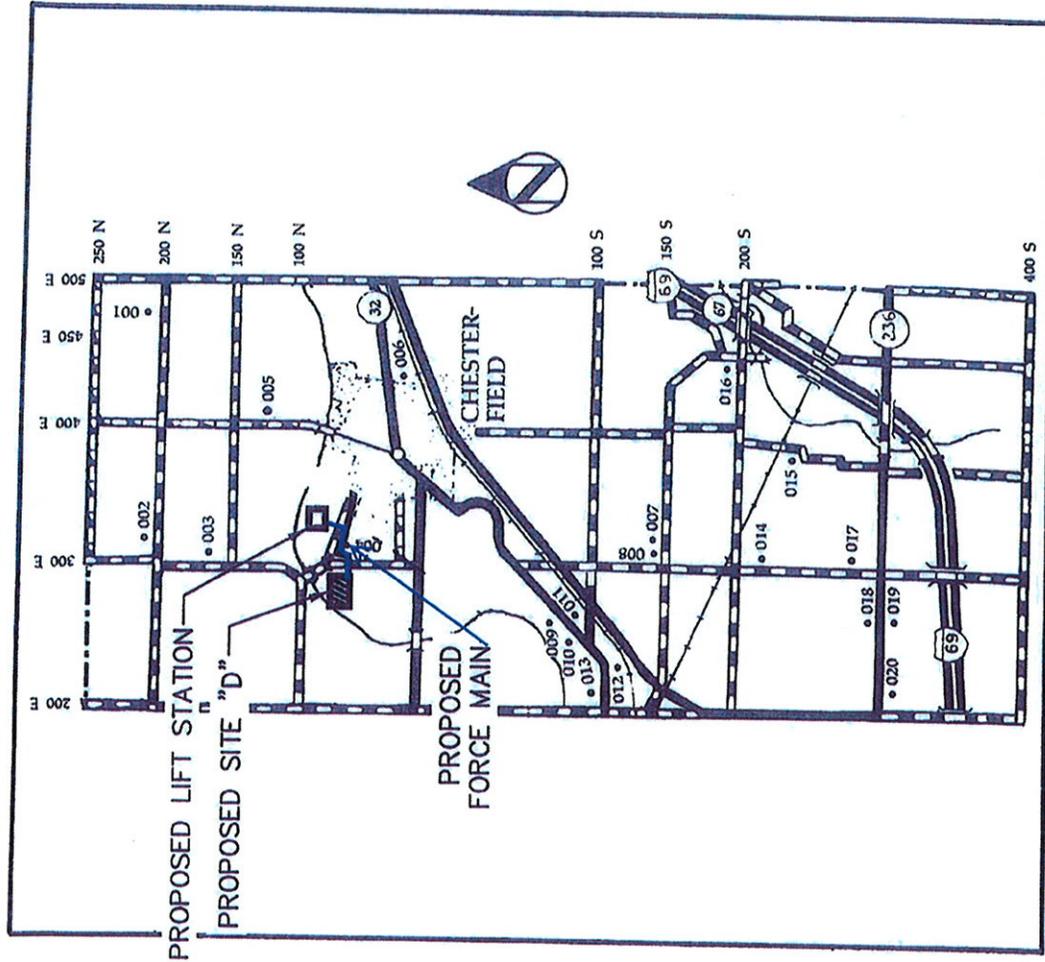
TOWN OF CHESTERFIELD, INDIANA



APPROX. SCALE: 1" = 350'

FIGURE 1

# Union Township (50001-020)



No.	Rtg.	Description
001	N	Farm, 200 N; Federal, c.1850; Architecture (240)
002	C	Farm, 200 N; Bungalow, c.1910; Architecture (240)
003	C	House, 300 E; Carpenter-BUILDER, c.1890; Architecture (240)
004	O	Carroll Bronnenberg House, 50 S; Italianate, 1863; Architecture (240)



005	C	Butler Bronnenberg Farm, 400 E; Carpenter-BUILDER, 1896; Architecture (240)
006	N	William Ditts House, State Road 32, Federal, 1833; Architecture (409)
007	O	Decagon Barn, Vernacular, c.1910; Architecture, Vernacular/Construction (409)
008	C	Bronnenberg House, 100 S; Queen Anne, 1911; Architecture (409)
009	O	Frederick Bronnenberg House, Mounds State Park; Federal, 1854-56; Architecture (409)
010	O	The Great Adena and Hopewell Indian Mound, 4306 Mounds Road, Mounds State Park; 10-50 A.D.; Indian (409) NR

REVISED: April 2011

TOWN OF CHESTERFIELD  
MADISON COUNTY, INDIANA

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FIGURE 2: from Madison County Interim Report  
Indiana Historic Sites and Structures Inventory